Experiment Number: **A16097**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,2-Epoxybutane**
CAS Number: **106-88-7**

Date Report Requested: **09/20/2018**
Time Report Requested: **04:20:47**

NTP Study Number:	A16097
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Route: **Intraperitoneal Injection**
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G04: In Vivo Micronucleus Summary Data
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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.20 ± 0.25		27.40 ± 4.67
62.5	5	1.90 ± 0.56	0.1042	43.00 ± 2.83
125.0	5	1.50 ± 0.35	0.2817	34.30 ± 4.68
Trend p-Value		0.2940		
Positive Control[2]	3	12.33 ± 1.36	< 0.001 *	18.33 ± 4.00

Trial Summary: Negative

LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte
CAS Number = Chemical Abstracts Service registry number
N = Number of subjects
Values given as Mean or Mean ± Standard Error Mean
Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean
Pairwise comparison to the concurrent control, dosed groups significant at p = 0.025/number of treatment groups; positive control value is significant at p = 0.05
Cochran-Armitage trend test, significant at p = 0.025
* Statistically significant pairwise or trend test
1: Vehicle Control: Corn Oil
2: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **